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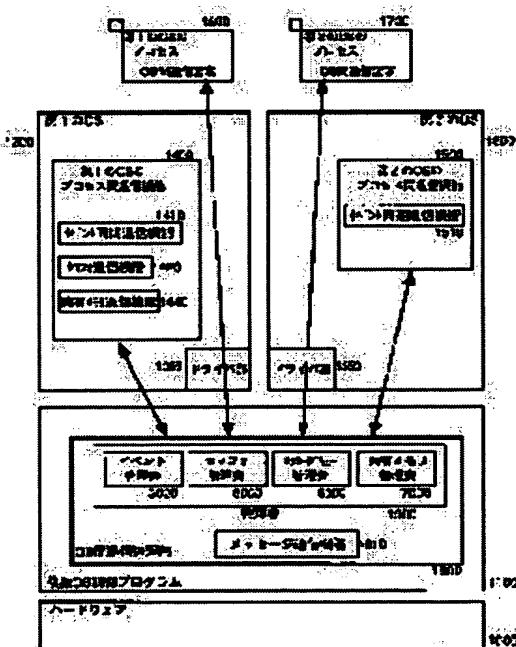
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(54) INTER-PROCESS COMMUNICATING METHOD ON HETEROGENEOUS OS

(57) Abstract:

PROBLEM TO BE SOLVED: To perform process synchronization and communication between processes on respective OSs by providing a communication means to communicate each other on 1st and 2nd OSs which simultaneously operate on one computer.

SOLUTION: A management table 1900 which records the name of an inter-OS communication object and the correspondence of an object handle about an inter-process communication function of a 1st OS 1200 and an object handle about an inter-process communication function of a 2nd OS 1300 is provided in each inter-OS communication object. By the table 1900, a communication request that specifies the names of inter-OS communication objects which are issued from processes of the 1st OS and the 2nd OS can be converted into a request to an inter-process communication function of the OS 1200 or the OS 1300. That is, for instance, an inter-OS communication request that specifies a semaphore can be converted into a semaphore communication request for the OS 1200.



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